

# MATERIAL SAFETY DATA SHEET

## CARNAGE 25 EC Termiticide

MSDS Ref. No.: PHHD-P-06/TR

Date Approved: 21/03/2018

Revision No: Nil

This document has been prepared to meet the requirements of the various technical committees and for other regulatory requirements. The information contained herein is for the concentrate as packaged, unless otherwise noted.

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CARNAGE 25  
**PRODUCT CODE:** HD-02  
**ACTIVE INGREDIENT (S):** FIPRONIL  
**CHEMICAL FAMILY:** PHENYLE PYRAZOLR PESTICIDE

#### MANUFACTURER

#### EMERGENCY TELEPHONE NUMBERS

Tara Imperial Industries, Chunnia  
By Pass Road, Raiwind Lahore

92-042-111-223-388

For leak, spill, or accident emergencies, call at above mentioned numbers

### 2. HAZARDOUS IDENTIFICATION

Harmful if in direct contact with skin and if swallowed  
Danger of damage to health by prolonged exposure if swallowed  
Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

### 3. COMPOSITION

Chemical Name	% Age
Fipronil	25 g/L (2.5%) Contains Hydrodesulfurized Petroleum Distillate

---

#### 4. FIRST AID MEASURES

**EYES:** Flush with plenty of water. Get medical attention if irritation occurs or persists.

**SKIN:** Wash with plenty of soap and water.

**INGESTION:** Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention.

**INHALATION:** Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

**NOTE TO MEDICAL DOCTOR:** Carefully monitor the respiratory functions. Endotracheal intubations should be done and gastric lavage performed, followed by administration of charcoal.

Against convulsions treat as per physician's advice.

---

#### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub> or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

**FIRE/EXPLOSION HAZARDS:** Highly combustible. May support combustion at elevated temperatures. Finely dispersed particles can form explosive mixtures in air.

**FIRE FIGHTING PROCEDURES:** Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke, gases or vapors generated.

---

#### 6. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** Isolate and post spill area. Wear protective clothing and personal protective equipment as prescribed accordingly. Keep unprotected persons and animals out of the area.

Keep material out of lakes, streams, and ponds. Large spills should be covered to prevent dispersal.

To clean and neutralize contaminated area, scrub area with a solution of detergent (e.g. commercial product such as Surf Excel, Vim, Ariel, Lemon Max or other

high pH detergents) and water. Repeat if necessary to remove visible staining. Applying bleach to affected area can make additional decontamination. For further information on spill clean up, call Tara Group.

---

## 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flames or hot surfaces. Store in original containers only. Keep out of the reach of the children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No open flames. Prevent deposition of dust. Use closed system, consider use of explosion-proof electrical equipment and lighting. Use local exhaust at all process locations. Ventilate all transport vehicles prior to unloading.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For protection against exposure, wear chemical protective goggles or a face shield.

**RESPIRATORY:** For protection against exposures wear, as a minimum, a properly fitted half – face or full face air purifying respirator, which is approved for pesticides (U.S. NIOSH/MSHA, EU CEN or comparable certification organization). Respirator use and selection must be based on airborne concentration.

**PROTECTIVE CLOTHING:** Depending upon concentration encountered, wear coveralls or long – sleeved uniform and head covering. For larger exposures as in the case of spills, wear full body cover barrier suit, such as a PVC SUIT. Leather items – such as shoes, belts and watchbands – that become contaminated should be removed and destroyed. Launder all work clothing before reuse (separately from household laundry).

**GLOVES:** Wear chemical protective gloves made of material such as rubber or neoprene. Thoroughly wash the outside of gloves soap and water prior to removal. Inspect regularly for leaks.

**Irritant to Skin.**

**WORK HYGIENIC PRACTICES:** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum, or using tobacco. Shower at the end of the workday.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>ODOR:</b>	Slight Odor
<b>APPEARANCE:</b>	Colorless to light straw color (VARIABLE)
<b>DENSITY:</b>	< 950 g/l
<b>pH:</b>	3-3.3
<b>Vapor pressure:</b>	Variable
<b>FLASH POINT:</b>	80C (approximately)
<b>Bulk Density</b>	< 1.0 kg/L
<b>Dispersion in Water</b>	YES

---

## 10. STABILITY AND REACTIVITY

<b>CONDITIONS TO AVOID:</b>	Excessive heat and fire.
<b>STABILITY:</b>	Stable under normal conditions
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon monoxide, Carbon dioxide, Hydrogen chloride, Nitrogen oxides, Sulphur oxides and Hydrogen fluoride.

---

## 11. TOXICOLOGICAL INFORMATION

**SKIN EFFECTS:** Slight irritating, does not require labeling

**TG LD<sub>50</sub>:** > 336 mg/kg (rat)

**ORAL LD<sub>50</sub>:** >2000 mg/kg (rat)

---

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Toxic to fish and aquatic arthropods.

---

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Open dumping or burning of this material or its packing is prohibited. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules , standards and regulations. However, because acceptable methods of disposal may vary by location and regulatory requirements may change , the appropriate agencies should be contacted prior to disposal.

**EMPTY CONTAINER:** Completely empty package into application equipment then dispose of empty package in accordance with all Federal, State and local regulations.

---

### 14. TRANSPORT INFORMATION

ADDITIONAL INFORMATION: Follow label recommendations

---

### 16. OTHER INFORMATION

**REVISION SUMMARY:**

This MSDS replaces Revision #Nil , dated March 21<sup>st</sup>, 2018.  
2018 Tara Group, Pakistan.

Tara Group believe that the information and recommendation herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANT ABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of Tara Group, Tara Group expressly disclaims any and all liability as to results obtained or arising from any use of the product or reliance on such information.

**For and on behalf of Tara Group, Pakistan.**